



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141817

**Mode:** Highway

**Status:** Submitted

### (Lindell Road)

**From/Cross Street:** Friendly Avenue

**Specific Improvement Type:** 10 - Improve Intersection

**To:**

**Project Category:** Division Needs

**Length:** 0.5

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$233,000

#### Description:

Widen Lindell Road (Wendover off ramp) to include a 2nd left turn lane.

**Division(s):** Division 7

**County(s):** GUILFORD

**MPOS(s)/RPO(s):** Greensboro Urban Area MPO

### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points: 0	Percent: 15% Points: 0

**Division Needs Total Score: 75.47**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 78.21	Percent: 25% Points: 50	Percent: 25% Points: 100
Safety (10%) 83.35		
[Travel Time] Benefit/Cost (20%) 69.95		
<b>Totals: Weight: 50% Weighted Score: 37.97</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	0.5
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	47027
Capacity:	47500
Volume/Capacity Ratio:	0.99
% Autos:	98%
% Trucks:	2%
Truck Volume:	888.29
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	14
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	83
Actual Congested Speed:	47.82
Travel Time Index:	0.94

**Project Benefits**

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial- Other Freeway
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	735000
Travel Time Savings for 30 Years (Autos):	721116.67
Travel Time Savings for 30 Years (Trucks):	13883.33
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Greensboro Urban Area MPO

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 7	100%	0	50
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>50</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Greensboro Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$188,000	Cost Estimation Tool
Right-of-Way Cost:	\$45,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$233,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$233,000</b>	